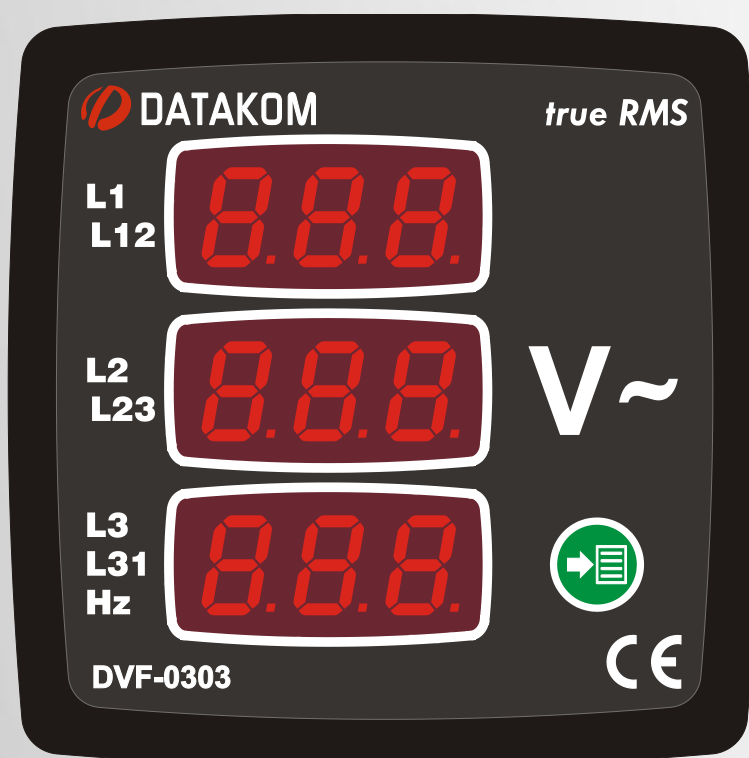


DVF-0303 VOLT-FREQUENCY METER

72x72mm

TRUE RMS



INTRODUCTION

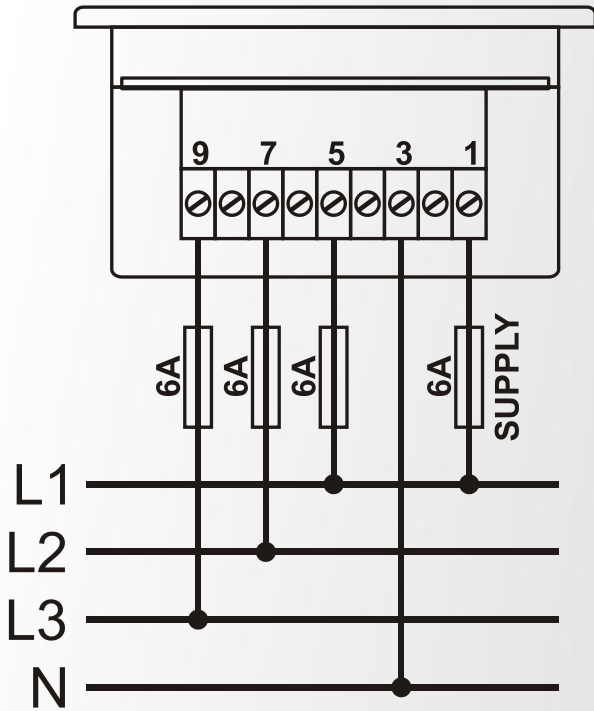
These state-of-the-art panel meters are designed for accurate measurement of the AC RMS voltages and frequency in three-phase systems.

Although they are mainly used in electrical panels, these devices can also be integrated in many other applications.

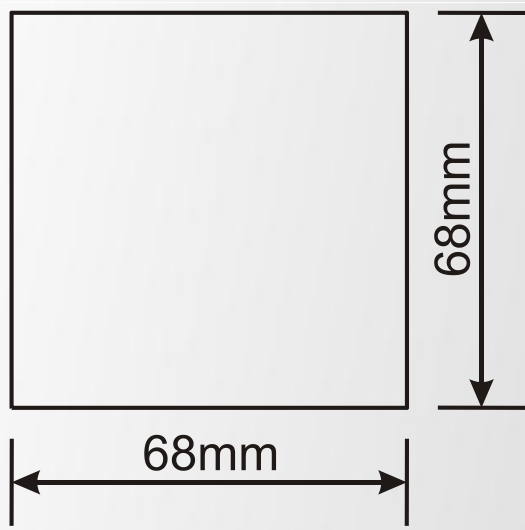
Devices have separate inputs for supply and measurement with common neutral point.

Through front panel buttons, phase-to-phase (L1-L2, L2-L3, L3-L1) and phase-to-neutral (L1-N, L2-N, L3-N) voltages and frequency can be selected and read from the display. Automatic parameter scroll is also available

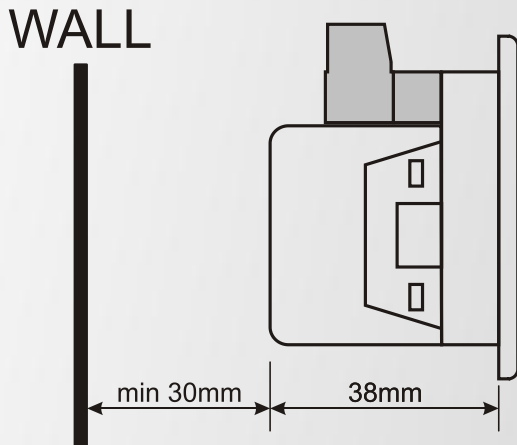
CONNECTION DIAGRAM



PANEL CUTOUT DIMENSIONS



MOUNTING TOLERANCES



TECHNICAL SPECIFICATIONS

Power Supply Input: 170 - 275VAC
50 - 60Hz nominal ($\pm 10\%$)
Different AC/DC supply values available.

Measurement Inputs:
10 - 300 V AC (Phase-Neutral)
20 - 520 V AC (Phase-Phase)
30 - 100 Hz

Accuracy: 0.5% + 1 digit

Power Consumption: < 1.5W

Burden: < 0.1VA per phase

Operating Temperature: -40°C ; +70 °C

Maximum Humidity: 95% non-condensing.

Degree of Protection: IP 54 (Front Panel)
IP 30 (Back panel)

Enclosure:
Non-flammable, ROHS compliant, high temperature ABS/PC (UL94-V0)

Installation:
Flush mounting with rear retaining brackets

Dimensions: 78x78x41mm (WxHxD)

Panel Cutout Dimensions: 68x68mm

Weight: 145 gr

EU Directives Conformity:
2006/95/EC (low voltage)
2004/108/EC (EMC)

Norms of reference:
EN 61010 (safety requirements)
EN 61326 (EMC requirements)

PACKAGING INFORMATION

Pieces per Package: 24 Pcs

Package Size: 280 x 170 x 215mm (LxWxH)

Package Weight: 3.7 kg

